



Repeater: NØDX 145.190 MHz (Input 144.590 / Tone 192.8 Hz)



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## The Eastern Iowa DX Bulletin

Number 249, November 22, 2024

**Craig Fastenow, KØCF, Editor**

This bulletin is a compilation of **currently active** DX operations (or those that will become active within the current week) from recent issues of the three DX bulletins listed below and other sources. Credit for the source is given at the end of each article.

Articles are ordered by the entity's callsign prefix from the *ARRL DXCC Entities List*. Callsigns used are in **bold** with dates of operation highlighted in **red**. Clickable links are provided for QSL and other information wherever possible. Note that articles may be edited for grammar, language, style and accuracy and will remain in *The Bulletin* while active; articles that are announcements of ongoing operations, or that have no specified end date, will be removed after three weeks.

Also included is a [Propagation](#) section, updated daily; and a [Contest Calendar](#) of upcoming popular contests.

DX News items are courtesy of:

The ARRL DX Bulletin

The bulletin is available at <http://www.arrl.org>

425 DX News, A.R.I. DX Bulletin (425DXN)

Edited by Mauro Pregliasco, I1JQJ & Valeria Pregliasco, IK1ADH

425 DX News Home Page: <https://www.425dxn.org/>

425 DX News Google Group: <https://groups.google.com/g/425eng>

DX Newsletter (DXNL)

Edited by Andreas Salder, DK5ON

A weekly service of DARC Committee "DX", <http://www.darcdxhf.de>

Ohio-Penn DX Bulletin (OPDX)

Edited by Tedd Mirgliotta, KB8NW. Although OPDX is no longer published as a weekly bulletin, Tedd still sends DX news emails.

We will occasionally publish some of them.

Propagation data is from:

National Oceanic and Atmospheric Administration's

[Space Weather Prediction Center](#)

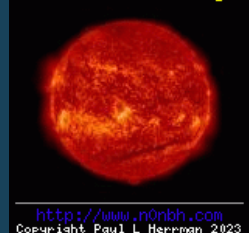
Dr. Tony Phillips' [SpaceWeather.com](http://www.SpaceWeather.com), used by permission

Contest data courtesy of the [WA7BNM Contest Calendar](#)



### Solar-Terrestrial Data

23 Nov 2024 1815 GMT  
 SFI: 179 SN: 147  
 A-Index: 12  
 K-Index: 3  
 X-Ray: C5.1  
 304A: 161.3 @ SEM  
 Ptn Flx: 34  
 Elc Flx: 3730  
 Aurora: 1/n=1.99  
 Mag (Bz): 2.7  
 Solar Wind: 374.4  
 Geomag Field UNSETTLD  
 Sig Noise Lvl S2-S3  
 Current Solar Image



<http://www.nonbh.com>  
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## DX News

**3A, MONACO.** Sylviane, TK4TH will be active as **3A/TK4TH** from Monaco on **November 24th-30th**. She will operate SSB and digital modes on 40, 20 and 10 meters. QSL via LoTW; paper QSLs should be requested via PayPal (see <https://www.qrz.com/db/3A/TK4TH> for instructions).  
 -[425DXN # 1751 November 23, 2024] (1122-1129)

**3B8, MAURITIUS.** Once again team **3B8M** (<https://www.facebook.com/3B8Mauritius/>) will participate as M/M category in the CQ WW DX CW Contest (**November 23rd-24th**) from Mauritius (AF-049). This

year's operating team includes 3B8GL, 4O3A, E7ØA, GØCKV (3B8HA), KX7M, SMØCXU, YL2KL, YL3JA, YT1HA, YT7KM, YU6DX and YU9DX. Before and after the contest they will operate various modes on all bands. QSL 3B8M via LoTW and [MØOXO's OQRS](#).

-[425DXN # 1750 November 16, 2024] (1122-1129)

**3B9, RODRIGUES I.** Kazu, MØCFW is QRV as **3B9/MØCFW** until **November 27th**. Activity is on the HF bands. He will be active as **3B9KW** in the upcoming CQ WW DX SSB Contest (October 26th-27th), and the CQ WW DX CW Contest (November 23rd-24th). QSL via LoTW.

-[ARRL DX Bulletin # 39 October 17, 2024] (1018-1129)

**3D2, FIJI.** Theo, PA3CBH will be active as **3D2TP** from Viti Levu (OC-016) until **December 12th**. He will operate QRP on SSB and QRS CW. QSL via [PA3CBH](#).

-[425DXN # 1748 November 2, 2024] (1108-1213)

**3D2/R, ROTUMA I.** An international team (W6IZT, W2FQ, K4NHW KD9LSV, MØSDV, LY7J) is leading a larger group of young remote operators (43 ops, including 4 YLs) in a DXpedition to Rotuma (OC-060). QRV until **December 4th** as **3D2Y** with RIB (Radio In a Box) equipment on 160-6m, including 60m, on CW, SSB, FT8. In addition, they will be taking part in the CQ WW CW Contest (November 23rd-24th) using another callsign, yet to be determined. For more information see:

<https://rotuma2024.com/>. QSL via [MØOXO's OQRS](#).

-[DXNL # 2432 November 13, 2024] (1115-1206)

**4U/ITU, ITU HQ.** The refurbishment of the UN building that hosts **4U1ITU** has been postponed to 2028. Expect the station to get on the air from **November 19th to 29th**. QSL via bureau, LoTW,

-[DXNL # 2433 November 20, 2024] (1122-1129)

**4U/UN, UNITED NATIONS HQ.** On the building that hosts **4U1UN** in New York, an antenna for 80 and 160m has been installed recently for members' use. The location in Manhattan suffers from constant (S5-S7) QRN though.

-[DXNL # 2433 November 20, 2024] (1122-1213)

**5R, MADAGASCAR.** Eric, F6ICX is active again as **5R8IC** from Sainte-Marie Island (AF-090), Madagascar until **the end of the year**. He will operate mainly CW on 40-10 meters; during the last two weeks of December he will also be QRV on the QO-100 satellite. QSL via LoTW, [ClubLog's OQRS](#), or via [F6ICX](#).

-[425DXN # 1742 September 21, 2024] (0927-0103)

**5X, UGANDA.** Don, G3XTT as **5X1DF** (CW and some FT8) and Alan, G3XAQ as **5X1XA** (CW) will be active from Uganda on **November 13th to 27th**. Their main activity will be during the CQ WW DX CW Contest (November 23rd-24th), in which they will participate as single-band entrants. QSL 5X1DF via [G3XTT](#); QSL 5X1XA via [G3SWH's OQRS](#).

-[425DXN # 1746 October 19, 2024] (1108-1129)

**8R, GUYANA.** Aldir, PY1SAD is active as **8R1TM** from Georgetown, Guyana until **November 24th**. He operates CW, SSB and digital modes on all bands and via satellite. QSL via LoTW, eQSL, QRZ Logbook, or direct to [PY1SAD](#).

-[425DXN # 1743 September 28, 2024] (1011-1129)

**9L, SIERRA LEONE.** The Radio Club de Provins (F6KOP) will be active as **9L5A** from Sierra Leone from **November 27th to December 8th**. Plans are for a large team (F1DHX, F1ULQ, F2DX, F4AZF, F4FET, F4HAU, F4HHL, F4HRG, F5AGB, F5NTZ, F8AAN, F8EFU, F8GGV/YU3FX, HB9GWJ and ON7RN) to operate CW, SSB, RTTY and FT8 (MSHV) on 160-6 meters with six stations, as well as via QO-100 with a dedicated station, with a focus on "human modes" (CW and SSB). More information can be found on <https://9l5a.wordpress.com/>; bookmark the expedition's Facebook page <https://www.facebook.com/9L5A.DXpedition> for updates. QSL via [ClubLog's OQRS](#) (preferred), LoTW, or via [F5GSJ](#).

-[425DXN # 1748 November 2, 2024] (1122-1213)

**9M6, EAST MALAYSIA.** Saty, JE1JKL is active again as **9M6NA** from Labuan Island (OC-133), East Malaysia until **November 25th**. He will participate in the CQ WW DX CW Contest (November 23rd-

24th) (SOAB HP). QSL via LoTW and [ClubLog's OQRS](#).  
 -[425DXN # 1745 October 12, 2024] (1018-1129)

**9Y, TRINIDAD & TOBAGO.** Special event callsign **9Y2ØTATT** will be active on **November 22nd-29th** to celebrate the 20th anniversary of the Telecommunications Authority of Trinidad and Tobago (TATT) in collaboration with the Trinidad and Tobago Amateur Radio Society (TTARS). Log search on Club Log (Live Stream enabled). See <https://9y20ta.tt> for more information. QSL via [9Y2ØTATT](#).  
 -[425DXN # 1751 November 23, 2024] (1122-1129)

**A3, TONGA.** Stan, LZ1GC and Ted LZ5QZ will be active as **A35GC** from Nuku'alofa (OC-049), Tonga on **November 25th to December 6th**. They will operate CW, SSB, FT4, FT8 and RTTY on 160-6 meters with three stations and a focus on 160, 80 and 60m. More information will be available on <https://www.c21gc.com/>. QSL via [ClubLog's OQRS](#) (preferred), LoTW, or via [LZ1GC](#).  
 -[425DXN # 1737 August 17, 2024] (1122-1206)

**A6, UNITED ARAB EMIRATES.** Special callsign **A6ØND** is for the Emirates Amateur Radio Society to celebrate UAE National Day (**December 2nd**). Also expected to take part in the celebrations is the Bahrain Amateur Radio Society as **A91UAE** (**November 26th - December 2nd**), and possibly the Saudi Amateur Radio Society as **HZ1UAE**, the Kuwait Amateur Radio Society as **9K9UAE**, and the Royal Omani Amateur Radio Society as **A43UAE**. QSL A6ØND via [EA7FTR](#).  
 -[425DXN # 1751 November 23, 2024] (1122-1206)

**AP, PAKISTAN.** Tariq, **AP2TN** has been active on 10 meters using FT8 around 1300z. QSL to [N4BAA](#).  
 -[ARRL DX Bulletin # 42 November 7, 2024] (1108-1129)

**C5, THE GAMBIA.** A five-man team (EA3NT, EI5GM, EI9FBB, MMØNDX and MMØOKG) will be active as **C5T** from the Gambia on **November 25th to 29th**. Main activity will be on 60-6 meters, with a focus on the higher bands and CW, SSB and some FT8. Some operators will also be active as **C5I** from the Bijol Islands (AF-060), and possibly as **C5T/p** from rare grids IK23 and IK33. If all goes well, the team will use ClubLog's Live Streams. Bookmark <https://www.facebook.com/groups/gambiafundxpedition/> for Updates. QSLs via LoTW, or via [EA5GL](#).  
 -[425DXN # 1750 November 16, 2024] (1122-1129)

**C6, BAHAMAS.** Brian, ND3F will be active again as **C6AQQ** from New Providence (NA-001), Bahamas on **November 21st-28th**. He will operate mainly CW, including an entry in the CQ WW DX CW Contest (November 23rd-24th), with some FT8/FT4 outside the contest weekend. QSL via LoTW, eQSL, or direct to [ND3F](#).  
 -[425DXN # 1750 November 16, 2024] (1115-1129)

**CARIBBEAN TOUR.** Alex, EA8DBM, tours the Caribbean and stops according to the following itinerary:

November 1-3. **PJ7/EA8DBM**,  
 November 4-9. **PJ5/EA8DBM**,  
 November 10-13. **FS/EA8DBM**,  
 November 14-18. **FJ/EA8DBM**,  
 November 19-24. **KP4/EA8DBM**

QSL direct to [EA8DBM](#), via bureau to LY5CA, or LoTW.  
 -[DXNL # 2430 October 30, 2024] (1101-1129)

**CARIBBEAN TOUR.** Rudy, DK7PE, tours the Caribbean **during November** with stops as. **VP2MCW**, **V4/DK7PE**, **ZF2PE**, **PJ4/DK7PE/p**.  
 -[DXNL # 2430 October 30, 2024] (1101-1129)

**CE, CHILE.** A group of operators are QRV as **3G7X** from Chiloe Island (SA-018) **until November 30th**. Activity is on 160 to 6 meters using all modes. They plan to be active as **XR7X** in the upcoming CQ Worldwide DX CW contest (November 23rd-24th). QSL via LoTW.  
 -[ARRL DX Bulletin # 43 November 14, 2024] (1115-1129)

**CE9, ANTARCTICA.** Oleg, ZS1ANF is QRV as **ZS7ANF** from Wolf's Fang Runway, Queen Maud Land (AN-016) **until late February 2025**. Activity is on 40 to 10 meters using mainly CW. QSL via [DL5EBE](#),

[RK1PWA](#), or LoTW.

-[ARRL DX Bulletin # 43 November 14, 2024] (1115-1206)

**CQ WW DX CW CONTEST.** A list of stations who have announced their participation in this year's event appears at the [bottom](#) of this *DX News* section, just above [Propagation](#). Courtesy of the 425DXN #1751 bulletin published today.

-[KØCF November 22, 2024] (1122-1129)

**CT, PORTUGAL.** CT1EXR, CT1FGR and CT5KAO will be active as **CR56MX** on **November 21st-26th** from the Fortress of Sagres, located in rare grid IM56mx. They will concentrate on 6 and 2 meters FT8 and SSB. QSL via LoTW.

-[425DXN # 1750 November 16, 2024] (1115-1129)

**DL, GERMANY.** Germany's DX newsletter DXMB celebrates its 70th anniversary with the callsign **DM7ØDXMB** (special DOK 7ØDXMB). QSLs will be sent automatically via the bureau.

-[DXNL # 2431 November 6, 2024] (1108-1129)

**DL, GERMANY.** Special callsign **DM7ØDXMB** will be activated by DARC Team SES to mark the 70th anniversary of DARC's DX Newsletter DXMB (DX-Mitteilungsblatt) from **November 1st to December 13**. All QSOs will be confirmed automatically via the bureau; direct cards via [DL2VFR](#).

-[425DXN # 1748 November 2, 2024] (1101-1213)

**DL, GERMANY.** Special callsign **DF2ØDCL** marks the 20th anniversary of the DARC Community Logbook for DARC Team SES from **October 18th to November 29th**. The DCL is a web-based application system for a wide range of DARC awards: <https://dcl.darc.de/public/>. QSL: All QSOs will be confirmed automatically via the bureau; or QSL direct via [DL2VFR](#).

-[425DXN # 1747 October 26, 2024] (1025-1129)

**DU, PHILIPPINES.** New vanity call **DUØA** was issued to Tim, 4F1GN (aka 4G1G, NP4TT, N4GN) on November 6th. He plans to use it "almost exclusively" from now on. "We are currently building a competitive contest station here at DUØA", he says, "where we hope to start breaking some regional records. Our first big operation will be during CQ WW DX CW Contest (**November 23rd-24th**), where we will have a strong team of operators in the multi-single category". QSL via LoTW (preferred), or direct to [KU9C](#).

-[425DXN # 1749 November 9, 2024] (1108-1129)

**DXCC TOP TWENTY.** Here are the top 20 entities on ClubLog's "DXCC Most Wanted" list as of November 22, 2024:

1. P5	DPRK (North Korea)	11. ZS8	Prince Edward & Marion Islands
2. BS7H	Scarborough Reef	12. KH4	Midway Island
3. CEØX	San Felix Islands	13. VKØM	Macquarie Island
4. BV9P	Pratas Island	14. PYØS	Saint Peter And Paul Rocks
5. KH7K	Kure Island	15. KP5	Desecheo Island
6. KH3	Johnston Island	16. VPØS	South Sandwich Islands
7. 3Y/P	Peter 1 Island	17. ZL9	New Zealand Subantarctic Islands
8. FT5/X	Kerguelen Island	18. FK/C	Chesterfield Islands
9. YVØ	Aves Island	19. VKØH	Heard Island
10. 3Y/B	Bouvet Island	20. FT/T	Tromelin Island

For the complete list, see <https://clublog.org/mostwanted.php>

-[KØCF November 22, 2024] (1122-1213)

**E5/S, SOUTH COOKS IS.** Stan, LZ1GC and Ted LZ5QZ are active as **E51SGC** from Rarotonga (OC-013), South Cook until **November 24th**. They operate CW, SSB, FT4, FT8 and RTTY on 160-6 meters with three stations and a focus on 160, 80 and 60m. More information is available on <https://www.c21gc.com/>. QSL via [ClubLog's OQRS](#) (preferred), LoTW, or via [LZ1GC](#).

-[425DXN # 1737 August 17, 2024] (1101-1129)

**E7, BOSNIA-HERZEGOVINA.** Celebrating Statehood Day of Bosnia and Herzegovina (November 25th), special callsign **E7BOSNIA** will be active on various bands and modes on **November 10th-25th**. A certificate will be available, see <https://www.grz.com/db/E7BOSNIA> for more information. QSL via LoTW.

-[425DXN # 1749 November 9, 2024] (1108-1129)



**EA8, CANARY IS.** Vaclav, OK6RA plans to be QRV as **EA8/OK6RA** as a Single Op/Single Band on 20 meter entry in the CQ WW DX CW Contest (**November 23rd-24th**). QSL to [OK6RA](#).

-[ARRL DX Bulletin # 44 November 21, 2024] (1122-1129)

**EUROPEAN DX FOUNDATION 38 YEARS.** The following special event Callsigns celebrate the EUDXF anniversary **during November**: **VK38EUDXF** (VK2WN/SP7WT), **DU38EUDXF** (DV1K), **DLØEUF**, **HA38EUDXF** (HA5MA), **ON38EUDXF** (ON6CC), **PA38EUDXF** (PA1AW), **PB38EUDXF** (PB5X), **PC38EUDXF** (PC5F), **PD38EUDXF** (PD4RD), **PF38EUDXF** (PB7Z), **PG38EUDXF** (PG5M), **PH38EUDXF** (PA3GVQ), **PI38EUDXF** (PI4COM), **PE38EUDXF**.

-[DXNL # 2430 October 30, 2024] (1101-1129)

**FM, MARTINIQUE.** Yuri, VE3DZ, uses the callsign **TO4A** from Martinique (NA-107) from **November 20th to 27th**. QSL via [VE3DZ](#).

-[DXNL # 2433 November 20, 2024] (1122-1129)

**FO/M, MARQUESAS IS.** Paula, NX1P is QRV as **FO/NX1P** from Hiva Oa (OC-027). Activity is on 40, 20, 15, 12, and 10 meters using CW. This includes being active in the CQ WW DX CW Contest (**November 23rd-24th**) on 10 meters. QSL via LoTW.

-[ARRL DX Bulletin # 44 November 21, 2024] (1122-1129)

**FR, REUNION I.** Jean-Marie, F4JCF, signs **FR/F4JCF** from **November 24th to December 15th**.

-[DXNL # 2433 November 20, 2024] (1122-1213)

**FS, SAINT MARTIN.** Gary, **FS/KC9EE**, will be operating from **November 19th to 29th**. QSL via LoTW.

-[DXNL # 2432 November 13, 2024] (1115-1129)

**FW, WALLIS & FUTUNA IS.** Bob, W7YAQ and Al, K7AR will be active as **FW7AA** from Wallis Island (OC-054) on **November 16th-29th**. Active on CW, SSB, and FT8. QSL via LoTW, [ClubLog's QQRS](#), or via [W7YAQ](#).

-[425DXN # 1747 October 26, 2024] (1115-1129)

**HA, HUNGARY.** Sanyi, HA7VK will be QRV as **HG24TISZA** as a Single Op/Single Band/High Power entry on 10 meters in the CQ WW DX CW Contest (**November 23rd-24th**). QSL to [HA7VK](#).

-[ARRL DX Bulletin # 44 November 21, 2024] (1122-1129)

**HC8, GALAPAGOS IS.** K2IN (HC5CW) and HC2AP will be active as **HD8CW** from San Cristobal, Galapagos Islands (SA-004) on **November 19th-28th**. They will operate CW, SSB and FT8 with two stations, and will participate in the CQ WW DX CW Contest (November 23rd-24th) as **HC5CW/8**. QSLs via [MØOXO's QQRS](#).

-[425DXN # 1747 October 26, 2024] (1115-1129)

**HR, HONDURAS.** Gerard, F2JD will be active again as **HR5/F2JD** from Copan, Honduras from **late November to late March 2025**. He will operate CW, SSB and FT8/FT4 on the HF bands and 6 meters. Log search on <http://LesNouvellesDX.fr/voirlogs.php>. QSL via [F6AJA](#).

-[425DXN # 1749 November 9, 2024] (1122-1213)

**HS, THAILAND.** A group of operators will be QRV as **E2A** from Ban Ta Bong, Korat as a Multi/Single/High Power entry in the CQ WW DX CW Contest (**November 23rd-24th**). QSL via LoTW.

-[ARRL DX Bulletin # 44 November 21, 2024] (1122-1129)

**I, ITALY.** The 4U1GSC Amateur Radio Club will use special callsign **4U3ØB** to mark the 30th anniversary of the United Nations Global Service Centre in Brindisi, Italy. Look for activity from **November 15th to December 31st**. QSL via [9A2AA](#).

-[425DXN # 1747 October 26, 2024] (1115-1227)

**I, ITALY.** Celebrating the 100th anniversary of the start of regular radio broadcasting in Italy (October 6, 1924), ARI local branches across Italy are using special callsigns until **December 29th**. The callsigns will be in the format **II#Rxyz** (e.g. II9RCAT for ARI Catania) and **IR#Rxyz** (e.g. IR1RVDB for ARI Valbormida). In addition, special event station **I1MRTV** will be active from the RAI Radio and Television Museum in Torino. Certificates and electronic QSLs will be available for download from the HamAward

platform (direct link from each special callsign's qrz.com page).

-[425DXN # 1743 September 28, 2024] (0927-1227)

**JA, JAPAN.** Take, JI3DST is active as **JS6RRR** from Miyako Island (AS-079) **until November 25th**, including activity during the CQ WW DX SSB and CW contests. Other callsigns to be used are **JI3DST/6**, **JJ5RBH/6** and **JR8YLY/6** on CW and SSB, as well as **JI3DST/p**, **JJ5RBH/p** and **JR8YLY/p** on FT8. QSOs will be made available for ClubLog and LoTW Matching on the IOTA website.  
-[425DXN # 1744 October 5, 2024] (1004-1129)

**JD1/M, MINAMI TORISHIMA.** Take, JG8NQJ is QRV as **JG8NQJ/JD1** from Marcus Island (OC-073) **until the beginning of March 2025**. Activity is in his spare time on the HF bands using CW and FT8. QSL via [JA8CJY](#) (direct), [JG8NQJ](#) (bureau) and LoTW.  
-[ARRL DX Bulletin # 43 November 14, 2024] (1115-1206)

**KH0, MARIANA IS.** Look for **KH0/JA8VE**, **KH0/JO1ABS**, **KH0/W1VX**, **KH0/WB6Z**, **KH0D** and **NH0E** to be active from Saipan (OC-086) from **November 28th to December 3rd**. They will operate SSB, CW, FT8 and FT4 on 160-6 meters with two stations. QSL KH0/JA8VE via [JA8VE](#), QSL all others via [JF1OCQ](#) and LoTW.  
-[425DXN # 1751 November 23, 2024] (1122-1206)

**KP4, PUERTO RICO.** Eric, **NP3A** plans to be a Single Op/Low Power/Single Band entry on 10 meters in the CQ WW DX CW Contest (**November 23rd-24th**). QSL via [EB7DX](#).  
-[ARRL DX Bulletin # 44 November 21, 2024] (1122-1129)

**LA, NORWAY.** A large group of operators will be QRV as **LN8W** as a Multi/Multi entry in the CQ WW DX CW Contest (**November 23rd-24th**). QSL via LoTW.  
-[ARRL DX Bulletin # 44 November 21, 2024] (1122-1129)

**OM, SLOVAK REPUBLIC.** Special callsign **OM25ISS** marks the anniversary of the first Slovak astronaut, Ivan Bella, in space 25 years ago. QRV until the **end of September 2025** on all bands. An award is also available: <https://www.qrz.com/db/OM25ISS>. QSL via [OM8ATE](#).  
-[DXNL # 2433 November 20, 2024] (1122-1213)

**ON, BELGIUM.** Special event station **OO80BB** will be QRV from **November 16th to December 15th** to commemorate the 80th anniversary of the Battle of the Bulge during World War II. QSL via [ClubLog's OQRS](#).  
-[ARRL DX Bulletin # 43 November 14, 2024] (1115-1213)

**OX, GREENLAND.** Nadia, OZ7AM and Dave, OZ5DM will be operating as **OX7AM** and **OX5DM** from Greenland (NA-018) from **November 18th to December 2nd**, including the CQ WW CW Contest (November 23rd-24th). QSL via [OZ1ACB](#).  
-[DXNL # 2432 November 13, 2024] (1115-1206)

**P4, ARUBA.** John, W2GD is QRV as **P44W** from Santa Cruz **until November 26th**. Activity is on the HF bands, with an emphasis on 30, 17, and 12 meters, using CW. This includes being a Single Op/All Band/High Power entry in the CQ WW DX CW Contest (November 23rd-24th). QSL via [N2MM](#).  
-[ARRL DX Bulletin # 44 November 21, 2024] (1122-1129)

**PA, NETHERLANDS.** Members of Radio Club Limburg will be active as **PF16F** until November 30th (<https://rclb.nl/pf16f>). This special event is intended to be a "Farewell to the Fighting Falcon", as the Royal Netherlands Air Force has officially retired its F-16 jets after 45 years of service. All QSOs will be confirmed automatically via the bureau, direct cards should be sent to [PD8RW](#).  
-[425DXN # 1747 October 26, 2024] (1101-1129)

**PJ4, BONAIRE.** A group of American ops (K4BAI, KU8E, N4RR, N8VW) visits Bonaire (SA-006) from **November 20th to 27th**, operating as **PJ4/homecalls** and as **PJ4A** during the CQ WW DX CW Contest (November 23rd-24th). QSLs for PJ4A, PJ4/K4BAI, PJ4/KU8E via [K4BAI](#), PJ4/N4RR via [N4RR](#), PJ4/N8VW via [N8VW](#).  
-[DXNL # 2433 November 20, 2024] (1122-1129)

**PJ5, SABA & ST. EUSTATIUS.** Dave, WJ2O will be QRV as **PJ6/WJ2O** from Saba (NA-145) from **November 17th to 26th**. This includes being an entry in the upcoming CQ Worldwide DX CW contest (November 23rd-24th). QSL via [N2ZN](#).

-[ARRL DX Bulletin # 43 November 14, 2024] (1115-1129)

**PJ7, SINT MAARTEN.** Ed, N2HX, plans to put Sint Maarten (NA-105) on the air from **October 20th to December 27th** as **PJ7PL**, including the CQ WW DX SSB Contest (October 26th-27th), the CQ WW DX CW Contest (November 23rd-24th) and ARRL 10-Meter Contest (December 14th-15th). QSL via [N2HX](#).

-[DXNL # 2428 October 16, 2024] (1018-1227)

**PY, BRAZIL.** Special station **PR5LM** will be active on various bands and modes, and on QO-100, throughout the **month of November** in honor of the memory of Father Roberto Landell de Moura (1861-1928), a pioneer of wireless audio transmission. QSL via [SP7CVW](#) and LoTW.

-[425DXN # 1747 October 26, 2024] (1101-1129)

**SM, SWEDEN.** Members of the Gotland Radio Club, SK1BL, will be active **in November** as **SE8ØTG** to commemorate the 80th anniversary of the "Hansa" tragedy. The "Hansa" was a Swedish passenger ship, in use on the route between the mainland and Visby. She was torpedoed and sunk by a Soviet submarine during World War II (November 24, 1944); 84 people died and only two survived. QSL via the bureau.

-[425DXN # 1747 October 26, 2024] (1101-1129)

**T8, PALAU.** Nobu, JAØJHQ will be active again as **T88PB** from Koror (OC-009), Palau on **November 22nd-26th**, with main activity during the CQ WW DX CW Contest (November 23rd-24th). QSL via LoTW (preferred), or direct to [JAØJHQ](#).

-[425DXN # 1750 November 16, 2024] (1122-1129)

**TL, CENTRAL AFRICA.** Elvira, IV3FSG will be active as **TL8ES** from Bangui, Central African Republic from **November 25th to December 9th**. She will operate SSB, CW, FT8 (MSHV), FT4 and RTTY on 160-6 meters, and will enable Club Log's Live Stream. One station will be monitoring 6 meters (50313 kHz) 24/7 for possible openings. See <https://www.qrz.com/db/TL8ES> for more information. QSL via [ClubLog's QQRS](#), LoTW, or [IK2DUW](#).

-[425DXN # 1751 November 23, 2024] (1122-1213)

**UA, EUROPEAN RUSSIA.** Special call signs **R2Ø24DX** and **UE34DX** will be active on **November 18th-30th** to celebrate the 34th anniversary of the Miller DX Club. QSLs via [RQ7L](#).

-[425DXN # 1750 November 16, 2024] (1115-1129)

**V2, ANTIGUA & BARBUDA.** Bud, AA3B is QRV as **V26K** from Antigua **until November 27th**. Activity is on the HF bands with an emphasis on CW. This includes being a Single Op/All Band/Low Power entry in the CQ WW DX CW Contest (November 23rd-24th). QSL to [AA3B](#).

-[ARRL DX Bulletin # 44 November 21, 2024] (1122-1129)

**V3, BELIZE.** Scott, K5PS is active again as **V31CQ** from Blackman Eddy, Belize **until November 30th**. QSL via LoTW, [ClubLog's QQRS](#), or [K5PS](#).

-[425DXN # 1751 November 23, 2024] (1122-1129)

**V4, ST. KITTS & NEVIS.** Andy, N2NT will be active on 160-6 meters as **V47NT** from St. Kitts (NA-104) on **November 17th-26th**. He will participate in the CQ WW DX CW Contest (November 23rd-24th) as **V47T**. QSL for both call signs via [W2RQ](#).

-[425DXN # 1749 November 9, 2024] (1115-1129)

**VE, CANADA.** Pierre, VE3KTB is currently active again as **VYØERC** from the Eureka Weather Station Base on Ellesmere Island (NA-008) and will remain QRV "around work schedules" **until December 5th**. QSL via [MØOXO's QQRS](#).

-[425DXN # 1751 November 23, 2024] (1122-1206)

**VP8, FALKLAND IS.** Gerben, PG5M is QRV as **VP8G** **until November 25th**. Activity is on 40 to 6 meters, primarily on CW and FT8 (using MSHV). See <https://dx.to/vp8g/> for more information. QSL via

[MØOXO's OQRS](#) and LoTW.

-[ARRL DX Bulletin # 43 November 14, 2024] (1115-1129)

**VP9, BERMUDA.** Darrell, AB2E and John, K3TEJ will be active as **AB2E/VP9** and **K3TEJ/VP9** from Bermuda (NA-005) on **November 20th-26th**. They will operate CW, SSB and FT8 on 160-10 meters, with a focus on 30, 17 and 12 meters. They will participate in the CQ WW DX CW Contest (November 23rd-24th) as **VP9I**. QSL AB2E/VP9 via [AB2E](#) or LoTW; QSL K3TEJ/VP9 via [K3TEJ](#) or LoTW; QSL VP9I via LoTW, or via [WW3S](#).

-[425DXN # 1750 November 16, 2024] (1115-1129)

**VU, INDIA.** Datta, VU2DSI is QRV as **AU2JCB** until **December 16th** to commemorate the birthdate (November 30, 1858) of Indian physicist and radio pioneer Jagadish Chandra Bose. Activity is on 80 to 6 meters using SSB, and FM on 10 and 6 meters. QSL direct to [VU2DSI](#).

-[ARRL DX Bulletin # 43 November 14, 2024] (1115-1213)

**VU4, ANDAMAN & NICOBAR IS.** Krish, W4VKU will be back on the Andaman Islands (AS-001) and be active as **VU4A** from **late November until mid-December**. He plans to operate SSB and FT8 (MSHV) on 160-6 meters. See <https://www.grz.com/db/VU4A> for more information and updates. QSL via [ClubLog's OQRS](#) (preferred), LoTW, or direct to [W4VKU](#).

-[425DXN # 1749 November 9, 2024] (1122-1213)

**XV, VIET NAM.** Alex, KU1CW will be QRV as **3W9A** from Saigon in the CQ WW DX CW Contest (**November 23rd-24th**). QSL via LoTW.

-[ARRL DX Bulletin # 44 November 21, 2024] (1122-1129)

**XV, VIET NAM.** Juris, YL2GM and Eugene, EA5EL will be active as **XV9X** from Phu Quoc Island (AS-128), Viet Nam from **November 19th to December 2nd**. They will operate CW, SSB and FT8 on 160-10 meters with two stations. See <https://www.lral.lv/xv9x/index.html> for more information and updates. Full LoTW upload six months after the end of the DXpedition. QSL via [ClubLog's OQRS](#) (preferred), or direct to [YL2GN](#).

-[425DXN # 1750 November 16, 2024] (1115-1206)

**XZ, MYANMAR.** Simon, XWØLP, plans to return to Mandalay, Myanmar in a few weeks for educational voluntary work despite ongoing civil unrest and hopes to renew his **XZ2A** operating permit. Currently it appears that an operating permit is unlikely.

-[DXNL # 2432 November 13, 2024] (1115-1129)

**YB, INDONESIA.** The ORARI branch of Tangerang Selatan (YH1RI) will operate special Callsigns **8G16T, 8G16A, 8G16N, 8G16G, 8G16S, 8G16E** and **8G16L** from **November 23rd to December 1st** to celebrate the 16th anniversary of the city of South Tangerang (part of the Greater Jakarta metropolitan area, on the island of Java). Look for activity on 80, 40, 20, 15 and 10m SSB, CW, FT8 and RTTY. See <https://award.oraritangsel.or.id> for certificates and eQSLs.

-[425DXN # 1750 November 16, 2024] (1122-1206)

**YN, NICARAGUA.** Mike, AJ9C, operates as **YN2CC** from **November 19th to 28th**, including the CQ WW CW Contest (November 23rd-24th). QSL via [AJ9C](#).

-[DXNL # 2432 November 13, 2024] (1115-1129)

**Z6, REPUBLIC OF KOSOVO.** Rene, DL2JRM will be QRV as **Z68XX** during the Worked All Europe DX RTTY contest (**November 9th-10th**) and as **Z66BCC** during the upcoming CQ World Wide DX CW contest (**November 23rd-24th**). QSL both calls via [DL2JRM](#).

-[ARRL DX Bulletin # 42 November 7, 2024] (1108-1129)

**ZA, ALBANIA.** Pekka, OH2TA will be QRV as **ZA/OG1N** from Durres as a Single Op/Single Band on 10 meter entry in the CQ WW DX CW Contest (**November 23rd-24th**). QSL via LoTW.

-[ARRL DX Bulletin # 44 November 21, 2024] (1122-1129)

**ZD7, ST. HELENA.** Andy, 5Z4VJ is QRV as **ZD7VJ** until **November 30th**. This includes a possible entry in the CQ WW DX CW Contest (November 23rd-24th). Also, Oliver, W6NV will be QRV as **ZD7W** on all



bands during the contest. QSL via [MØURX's OQRS](#), LoTW.

-[ARRL DX Bulletin # 44 November 21, 2024] (1122-1129)

**ZD7, ST. HELENA.** Oliver, W6NV will be QRV as **ZD7W** in the CQ WW DX SSB contest (**October 26th-27th**) and upcoming CQ WW DX CW contest (**November 23rd-24th**). QSL to [W6NV](#).

-[ARRL DX Bulletin # 40 October 24, 2024] (1025-1129)

**ZL, NEW ZEALAND.** Special event station **ZM1ØØDX** will be QRV from **September 29th to December 26th** to celebrate the very first trans-world QSO between Z4AA and G2SZ. Activity will be on 160 to 6 meters using all modes. In addition, special event station **ZL4AA** will also be active for this event. QSL via operators' instructions.

-[ARRL DX Bulletin # 36 September 26, 2024] (0927-1227)

**ZL7, CHATHAM IS.** Holger, ZL3IO and Xenia, ZL4YL will be QRV as **ZL7IO** and **ZL7YL**, respectively, from **November 19th to 26th**. Activity will be on the HF bands. This includes being active in the upcoming CQ Worldwide DX CW contest (November 23rd-24th). QSL via [DK7AO](#), LoTW or [ClubLog's OQRS](#).

-[ARRL DX Bulletin # 43 November 14, 2024] (1115-1129)

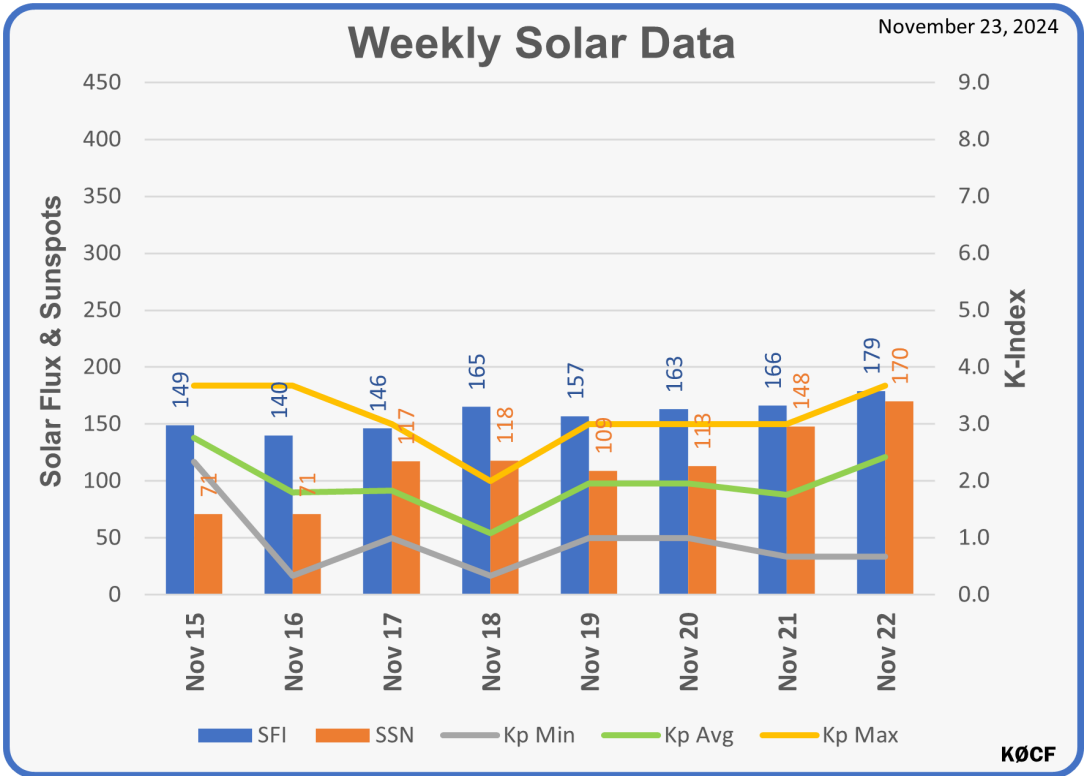
**CQ WW DX CW CONTEST.** The following stations have announced their participation in this year's event (**November 23rd-24th**, rules at <https://cqwww.com/rules.htm>):

ZONE	CALL	CATEGORY	COUNTRY	QSL VIA
02	CF2I	M/S HP	Canada	<a href="#">VE3NE</a>
05	VP9I	M/2	Bermuda	LoTW/ <a href="#">WW3S</a>
07	TI5/VA3RA	SOSB 10m	Costa Rica	<a href="#">VE3IKV</a>
07	V31CQ	S0	Belize	LoTW
08	6Y6N	SOSB	Jamaica	<a href="#">DK9PY</a>
08	C6AQQ	S0	Bahamas	LoTW
08	FM/VE3RSA	SOAB	Martinique	LoTW
08	FS/KØCD	SOAB QRP	St. Martin	<a href="#">KØCD</a>
08	FS/KC9EE	S0 QRP	St. Martin	LoTW
08	KP2B	SOAB	Virgin Is	<a href="#">EB7DX</a>
08	KP4AA	SOAB LP	Puerto Rico	LoTW
08	NP3A	SOSB 10m LP	Puerto Rico	<a href="#">EB7DX</a>
08	PJ6/WJ20	SOAB LP	Saba	LoTW
08	PJ7PL	S0 LP	Sint Maarten	<a href="#">N2HX</a>
08	T04A	SOAB	Martinique	<a href="#">VE3DZ</a>
08	V26K	SOAB LP	Antigua & Barbuda	LoTW
08	V47T	SOAB	St. Kitts & Nevis	<a href="#">W2RQ</a>
08	VP2EBB	SOSB 20m	Anguilla	LoTW/ <a href="#">GU4Y0X</a>
08	VP2V/AA7V	S0	British Virgin Is	LoTW
08	VP5M	M/S LP	Turks & Caicos	LoTW
08	ZF1A	M/S	Cayman Is	<a href="#">K7ZQ</a>
08	ZF5T	SOAB HP	Cayman Is	LoTW/ <a href="#">K5GQ</a>
09	9Z4BM	SOAB	Trinidad & Tobago	<a href="#">9Z4BM</a>
09	P44W	SOAB HP	Aruba	LoTW
09	PJ2T	M/M	Curacao	LoTW
09	PJ4A	M/S	Bonaire	LoTW/ <a href="#">K4BAI</a>
09	PJ4K	M/2	Bonaire	<a href="#">KU9C</a>
10	HC5CW/8	S0	Galapagos	<a href="#">MØØX0's OQRS</a>
12	XR7X	M/2	Chile	<a href="#">CE3SPR</a> /LoTW
14	GJ2A	SOSB 20m	Jersey	LoTW
14	GU4CHY	SOSB 10/15m	Guernsey	<a href="#">GU4CHY</a>
14	LN8W	M/M	Norway	LoTW
14	OZ5W	M/M	Denmark	LoTW
14	TM4Q	M/S	France	<a href="#">F6FYA</a>
15	ISØ/E73DX	M/2 HP	Sardinia	LoTW
15	ØHØZ	SOAB HP	Aland Is	LoTW/ <a href="#">WØMM</a>
15	TKØC	M/S	Corsica	LoTW
15	Z66BCC	S0	Kosovo	<a href="#">DL2JRM</a>
15	ZA/ØG1N	SOAB 10m	Albania	LoTW
20	5B/HA5PP	SOAB	Cyprus	<a href="#">HA5PP</a>
20	TC2E		Turkey	LoTW
21	4K6FØ	S0	Azerbaijan	LoTW
21	4L2M	SOSB 40m	Georgia	<a href="#">EA7FTR</a>
24	B1Z	M/2	China	LoTW

24	B4S	M/S	China	LoTW
24	VR2P		Hong Kong	LoTW/ <a href="#">IV3SKB</a>
26	3W9A	SO	Vietnam	LoTW
26	E21EIC	SOAB HP	Thailand	LoTW
26	E2A	M/S HP	Thailand	LoTW
27	AH2R	M/S	Guam	LoTW
27	DU0A	M/S	Philippines	LoTW
27	KH0/WH2JA	SO	Mariana Is .	LoTW
27	KH0W	SO	Mariana Is	<a href="#">KC0W</a>
28	7A2A	M/S	Indonesia	LoTW
28	9M6NA	SOAB HP	East Malaysia	LoTW
28	V85RH	SOAB HP	Brunei	LoTW
31	F0/NX1P	SOSB 10m LP	Marquesas	LoTW
31	KH6J	M/M	Hawaii	<a href="#">AH6OZ</a>
31	KH7M	SOSB 10m	Hawaii	LoTW
32	3D2Y	M/S HP	Rotuma	<a href="#">M00X0's 0QRS</a>
32	FW7AA	M/2	Wallis & Futuna	LoTW
32	ZL7YL	M/2	Chatham Is	LoTW/ <a href="#">DK7AO</a>
33	3V8SS	SOSB	Tunisia	LoTW
33	CR3W	M/?	Madeira	LoTW
33	EA8/OK6RA	SOSB 20m	Canary Is	<a href="#">OK6RA</a>
36	ZD7VJ	SOSB 10m	St. Helena I	LoTW
36	ZD7W	SOAB	St. Helena I	<a href="#">W6NV</a>
37	5X1XA	SOSB 15/10m	Uganda	<a href="#">G3SWH</a> /LoTW
39	3B8M	M/M	Mauritius	LoTW/ <a href="#">M00X0's 0QRS</a>
39	3B9KW	SOAB HP	Rodrigues	LoTW
40	OX7AM	SOAB	Greenland	LoTW
40	TF3CW	SOAB HP	Iceland	<a href="#">LX1NO</a>

Don't forget to take a look at the Announced Operations listing maintained by Bill, NG3K at <https://www.ng3k.com/Misc/cqc2024.html>. Good contest to you all!  
-[425DXN # 1751 November 23, 2024] (1122-1129)

Propagation (Updated daily)



The Weekly Solar Data chart plots Solar Flux Index (SFI), Sunspot number (SSN) and Planetary K-index (Kp) for the past 8 days. With 8 Planetary K-index readings each day, only the minimum, average

and maximum K-index values are plotted. **Note:** You may click [here](#) or on the chart above to see the same data for the past month.

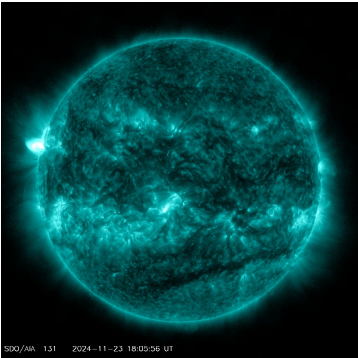
The Daily Solar Flux Index, Sunspot number, Planetary K-index, Solar Flux predictions and Solar Flare data used in this bulletin have been collected by KØCF from from the U.S. Department of Commerce's NOAA Space Weather Prediction Center.

The propagation graphs above are the creations of KØCF and are unique in space weather reporting.

*Please Note: The graphs are high resolution .PNG files which you may view in greater detail using your browser's "zoom" feature. Alternatively, right click on the graph and select "Open Image in New Tab" to enlarge it, or "Save Image As..." to save it to your computer for further analysis.*

NASA's current view of the Sun at a wave-length of 131 Angstroms. This wavelength shows incredible solar detail.

Click [here](#) or on the image to view as a full screen 48-hour video loop. It is fascinating!



**Propagation Summary**

For the 8 day period from Friday, November 15th through yesterday, November 22nd.

The average solar flux was 159, down 19 points from the previous week, with a weekly high of 179 on Friday, November 22nd, following a low of 140 on November 16th.

The average sunspot count was 121, up 3 from last week, peaking at 170 on Friday, November 22nd after a weekly low of 71 on November 16th.

The Planetary K-index weekly average was 3.1 with a maximum of 3.7 on Friday, November 22nd, resulting in generally quiet geomagnetic conditions.

Solar flare activity since November 16th has been high with 11 major flares, the largest of which was an M 3.7 event on Monday, November 18th.

**Propagation Data**

Major solar flares, Saturday, November 16th through 1425 UTC, November 23rd.

#	Date	UTC	Mag.
1	Nov 22	2215	M 1.1
2	Nov 22	1546	M 1.6
3	Nov 20	1948	M 1.1
4	Nov 18	2359	M 1.1
5	Nov 18	1915	M 2.0
6	Nov 18	1749	M 1.8
7	Nov 18	1253	M 3.7
8	Nov 18	1058	M 2.5
9	Nov 18	0757	M 1.2
10	Nov 18	0732	M 1.7

11	Nov 16	0137	M 1.6
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(NOAA's graph of recent flare activity: [GOES-X-Ray-Flux](#))

From the NOAA Space Weather Prediction Center, here are the probabilities of major solar flares and the predicted 10.7 cm Solar Flux for the next 3 days. NOAA updates this information daily.

Date	M-Flares	X-Flares	Solar Flux
Nov 23	60%	15%	180
Nov 24	60%	15%	180
Nov 25	60%	15%	185

Looking farther ahead, here is the NOAA Space Weather Prediction Center forecast of 10.7 cm radio flux and maximum Planetary K-index (Kp) for the next 12 days. This data is updated by NOAA every Monday (last updated on November 18, 2024).

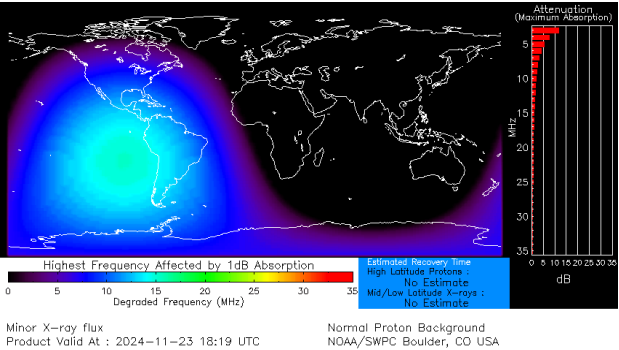
Date	Flux	Kp
Nov 23	240	2
Nov 24	245	2
Nov 25	245	3
Nov 26	240	3

Date	Flux	Kp
Nov 27	245	3
Nov 28	255	2
Nov 29	250	2
Nov 30	250	3

Date	Flux	Kp
Dec 1	240	4
Dec 2	230	3
Dec 3	220	3
Dec 4	210	2

Global D Region Absorption

Conditions in the D-region of the ionosphere have a dramatic effect on HF communications. The D-Region Absorption map combines the effects of solar particles and photons. Yellow to red colors on the map depict increasing signal attenuation, where the bar chart at the right displays attenuation versus frequency. Click the thumbnail below for an animated map of D-Region Absorption:

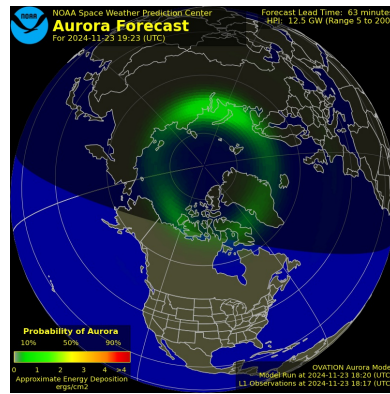


The Aurora Borealis

The aurora is not only beautiful to see but can have a profound impact on HF and VHF radio propagation. For the HF operator, auroras can result in a complete shut-down of propagation. However, on VHF, auroras present interesting DX possibilities. Beam antennas are very desirable and should be pointed north, towards the aurora. Signals are reflected by “back-scatter” and will be distorted with a rough buzz. SSB is the best voice mode to use, but copy can be difficult. CW will have a rough buzzy sound but be perfectly copyable. Click the thumbnail below for an animated map of



aurora versus time:



## Highs for Cycle 25

Solar Flux: 336 on August 8, 2024.

Sunspots: 382 on August 10, 2024.

## New Sunspots

After a week of relatively low sunspot number, two big new sunspot groups are emerging over the sun's southeastern limb. [Here they are](#). Based on their rate of growth, they could soon become a source of strong solar flares.

(Copyright © [SpaceWeather.com](#) November 23, 2024. Republished by permission.)

## Popular Propagation web sites

<https://prop.kc2g.com/> (Excellent Maximum Usable Frequency map)

NOAA <https://www.swpc.noaa.gov/>

<https://www.spaceweather.com/>

<https://www.solarham.com/>

<https://dx.qsl.net/propagation/>

## A Propagation Tutorial

The solar X-ray flux tracks solar activity and solar flares. Solar flux, which can vary from as low as 50 to as high as 300, influences the level of ionization in the F2 region of the ionosphere, providing a very good prediction of HF DX conditions. The higher the solar flux, the better conditions will be for the higher HF frequencies and even 6 meters. However, the levels need to be maintained for some days to allow ionization in the F2 layer to build up. A solar flux of 150 results in good HF band conditions, while levels of 200 and up can provide great conditions.

Large X-ray flares on the sun can increase the ionization of the D layer of the ionosphere (a lower layer) on the sunlit side of the Earth, greatly attenuating or blocking HF radio transmissions for up to a half hour. Solar flares often produce Coronal Mass Ejections (CMEs) which, if Earth directed, can lead to geomagnetic storms. Some large flares are also accompanied by strong radio bursts that may interfere with other radio frequencies and cause problems for satellite communication and radio navigation (GPS).

The Planetary K-index is a measure of the magnitude of geomagnetic storms and is an excellent indicator of disturbances in the Earth's magnetic field. A level of 1 or 2 represents quiet geomagnetic conditions; a reading of 3 or 4 may cause some propagation deterioration; 5 and 6 are minor to moderate geomagnetic storms; and 7 to 9 are strong, severe, and extreme storm conditions. Strong geomagnetic storms can trigger Auroral displays and cause HF radio blackouts. Higher geomagnetic activity also has the adverse effect of lowering maximum usable frequencies, much like lower solar flux does.

For best conditions, the solar flux should be above 150 for a few days with the K index below 2. When these conditions are met, some good DX is likely!

-[Compiled from information on NOAA.gov and other sources]

## Contest Calendar

### Weekly Contests

Contest	Start UTC		End	Web Site
K1USN Slow Speed Test	Monday	0000Z	0100Z	<a href="#">Rules</a>
ICWC Medium Speed Test	Monday	1300Z	1400Z	<a href="#">Rules</a>
	Monday	1900Z	2000Z	
	Tuesday	0300Z	0400Z	
CWops Test (CWT)	Wednesday	1300Z	1400Z	<a href="#">Rules</a>
	Wednesday	1900Z	2000Z	
	Thursday	0300Z	0400Z	
	Thursday	0700Z	0800Z	
Weekly RTTY Test	Friday	0145Z	0215Z	<a href="#">Rules</a>
NCCC CW Sprint (NS)	Friday	0230Z	0300Z	<a href="#">Rules</a>

Note: Start Days are in UTC, e.g. Monday at 0000 UTC is Sunday at 7:00 PM in the Central Daylight Saving Time zone, or Sunday at 6:00 PM in the Central Standard Time zone.

### Full Calendar

Contest	Start		End		Web Site
<b>CQ Worldwide DX Contest, CW</b>	Nov 23	0000Z	Nov 24	2400Z	<a href="#">Rules</a>
ARRL 160-Meter Contest	Dec 6	2200Z	Dec 8	1600Z	<a href="#">Rules</a>
<b>ARRL 10-Meter Contest</b>	Dec 14	0000Z	Dec 15	2359Z	<a href="#">Rules</a>
OK DX RTTY Contest	Dec 21	0000Z	Dec 21	2400Z	<a href="#">Rules</a>
Croatian DX Contest	Dec 21	1400Z	Dec 22	1400Z	<a href="#">Rules</a>
ARRL Rookie Roundup, CW	Dec 22	1800Z	Dec 22	2359Z	<a href="#">Rules</a>
RAC Winter Contest	Dec 28	0000Z	Dec 28	2359Z	<a href="#">Rules</a>
Stew Perry Topband Challenge	Dec 28	1500Z	Dec 29	1500Z	<a href="#">Rules</a>
ARRL RTTY Roundup	Jan 4	1800Z	Jan 5	2400Z	<a href="#">Rules</a>
ARRL Kids Day	Jan 4	1800Z	Jan 4	2359Z	<a href="#">Rules</a>
YB DX Contest	Jan 11	0000Z	Jan 11	2359Z	<a href="#">Rules</a>
North American QSO Party, CW	Jan 11	1800Z	Jan 12	0600Z	<a href="#">Rules</a>
Hungarian DX Contest	Jan 18	1200Z	Jan 19	1200Z	<a href="#">Rules</a>
North American QSO Party, SSB	Jan 18	1800Z	Jan 19	0600Z	<a href="#">Rules</a>
ARRL January VHF Contest	Jan 18	1900Z	Jan 20	0359Z	<a href="#">Rules</a>
CQ 160-Meter Contest, CW	Jan 24	2200Z	Jan 26	2159Z	<a href="#">Rules</a>
BARTG RTTY Sprint	Jan 25	1200Z	Jan 26	1200Z	<a href="#">Rules</a>
Winter Field Day	Jan 25	1700Z	Jan 26	1700Z	<a href="#">Rules</a>
Vermont QSO Party	Feb 1	0000Z	Feb 2	2400Z	<a href="#">Rules</a>
10-10 Int. Winter Contest, SSB	Feb 1	0001Z	Feb 2	2359Z	<a href="#">Rules</a>

Mexico RTTY International Contest	Feb 1	1200Z	Feb 2	2359Z	<a href="#">Rules</a>
Minnesota QSO Party	Feb 1	1400Z	Feb 1	2400Z	<a href="#">Rules</a>
British Columbia QSO Party	Feb 1	1600Z	Feb 2	2400Z	<a href="#">Rules</a>
North American Sprint, CW	Feb 2	0000Z	Feb 2	0359Z	<a href="#">Rules</a>
CQ WW RTTY WPX Contest	Feb 8	0000Z	Feb 9	2400Z	<a href="#">Rules</a>
ARRL School Club Roundup	Feb 10	1300Z	Feb 14	2359Z	<a href="#">Rules</a>
ARRL Inter. DX Contest, CW	Feb 15	0000Z	Feb 16	2400Z	<a href="#">Rules</a>
CQ 160-Meter Contest, SSB	Feb 21	2200Z	Feb 23	2159Z	<a href="#">Rules</a>
South Carolina QSO Party	Feb 22	1500Z	Feb 23	0159Z	<a href="#">Rules</a>
North American QSO Party, RTTY	Feb 22	1800Z	Feb 23	0600Z	<a href="#">Rules</a>
North Carolina QSO Party	Feb 23	1500Z	Feb 24	0100Z	<a href="#">Rules</a>

-[Contest data courtesy of the [WA7BNM Contest Calendar](#) ]